

Power Cost Memorandum COPA

Date: **April 1, 2021**

Utility Name (Cert. No.) (240) Inside Passage Electric Cooperative, Inc.	Utility File No. PC89-0419E	Date Filed: March 24, 2021
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PCE AMOUNT SUMMARY	Previously Approved PC89-0419D	Staff Recommended Amount(s) and Effective Date PC89-0419E
Class Rate	Date Approved: December 3, 2020	April 2, 2021
Residential	\$ 0.2696	\$ 0.2964
Small Community Facilities - All kWh	\$ 0.2696	\$ 0.2964
Large Community Facilities - All kWh	\$ 0.2696	\$ 0.2964
	<input checked="" type="checkbox"/> Permanent <input type="checkbox"/> Interim	<input checked="" type="checkbox"/> Permanent <input type="checkbox"/> Interim

Prior Fuel Purchase Price: \$ 1.8322	New Fuel Purchase Price: \$ 2.0598
Delivery Charge: <input type="checkbox"/> Actual <input checked="" type="checkbox"/> Weighted	Surcharge Change: Previous 0.1179 <input type="checkbox"/> Actual <input checked="" type="checkbox"/> Weighted Updated 0.1461

Signed: *Brenda Cox*
Brenda Cox Utility Financial Analyst

Commission decision regarding this recommendation :

	Date (if different from 4/1/21)	I CONCUR	I DO NOT CONCUR	I WILL WRITE A DISSENTING STATEMENT *
Pickett		<i>RMP</i>		
Kurber		<i>KKI</i>		
Scott		<i>AGS</i>		
Sullivan		<i>DS</i>		
Wilson		<i>Jaw</i>		

Special Instructions to Staff:

* If this column is initialed, Staff will contact the Commissioner for the statement, otherwise, dissent will simply be noted at the close of the By Direction Letter or Order.

Inside Passage Electric Cooperative, Inc.

POWER COST EQUALIZATION CALCULATION
FOR TEST PERIOD ENDING June 30, 2020
COPA

	PC89-0419D	PC89-0419E
	Prior Commission Approval	Utility Request Staff Recommended
A. Total kWh Generated	9,459,560	9,459,560
B. Total kWh Sold (Appendix 2)	9,285,855	9,285,855
C. Total Non-Fuel Costs (Appendix 2)	3,456,315	3,456,315
D. Non-Fuel Cost/kWh (C/B)	\$0.3722	\$0.3722
E. Total Fuel and Purchased Power Costs (Appendix 2)	0.1179	0.1461
F. Eligible Costs/kWh (D+E)	\$0.4901	\$0.5183
G. Eligible Cost/kWh (F) Less 20.63 cents/kWh	\$0.2838	\$0.3120
H. Lesser of (H) or 79.37 cents/kWh	\$0.2838	\$0.3120
I. Average Class Rates (Appendix 3)		
Residential	\$0.3457	\$0.3739
Small Community Facilities - All kWh	\$0.3878	\$0.4160
Large Community Facilities - All kWh	\$0.3839	\$0.4121
J. Lesser of: (H) x 95% or (I)		
Residential	\$0.2696	\$0.2964
Small Community Facilities - All kWh	\$0.2696	\$0.2964
Large Community Facilities - All kWh	\$0.2696	\$0.2964
K. Funding Level in Effect	100%	100%
Residential	\$0.2696	\$0.2964
Small Community Facilities - All kWh	\$0.2696	\$0.2964
Large Community Facilities - All kWh	\$0.2696	\$0.2964

PC89-0419E
Appendix 1

Inside Passage Electric Cooperative, Inc.

SCHEDULE OF ELIGIBLE POWER COSTS, SALES, AND EFFICIENCY

FOR TEST PERIOD ENDING June 30, 2020

COPA

		PC89-0419D		PC89-0419E
		Prior Commission Approval	Per Utility	Staff Recommended
Non-Fuel Costs:				
A.	Operating Expenses (Acct 500-598)	3,122,704	3,122,704	3,122,704
B.	General & Administrative (Acct. 901-935)	1,232,417	1,232,417	1,232,417
C.	Depreciation	434,963	434,963	434,963
D.	Interest Expense	194,728	194,728	194,728
E.	Other Expense: Tax/Donations	4,565	4,565	4,565
F.	Other (Describe)			
	Fuel Expense	(1,246,609)	(1,246,609)	(1,246,609)
	Cost of Purchased Power	(225,269)	(225,269)	(225,269)
	Waste Heat Revenue	(48,248)	(48,248)	(48,248)
	Pole Attachment Revenue	(12,936)	(12,936)	(12,936)
G.	Total Non-Fuel Costs	\$3,456,315	\$3,456,315	\$3,456,315
H.	Total kWh Sold in Test Year July 2019 through June 2020	9,285,855	9,285,855	9,285,855
I.	Non-Fuel Cost/kWh (G/H)	\$0.3722	\$0.3722	\$0.3722
COPA Fuel Costs:				
J.	Gallons Consumed (estimated) (Apr.- Jun 2021)	\$163,700	142,127	142,127
K.	Price of Fuel (per gal) (Apr. - Jun. 2021)	\$1.8322	\$2.0598	\$2.0598
L.	Purchased Power (Apr. - Jun. 2021)	\$79,964	\$41,031	\$41,031
M.	Balancing Account estimated to 3/31/21	(\$83,675)	(\$17,703)	(\$17,703)
N.	Total Cost of Fuel (J*K)+L+M	296,220	316,081	316,081
O.	Estimated kWh Sales in Apr. - Jun. 2021	2,513,010	2,163,789	2,163,789
P.	Fuel Costs/kWh - COPA (N/O)	\$0.1179	\$0.1461	\$0.1461
Q.	kWh Sales	9,285,855	9,285,855	9,285,855
R.	kWh Generated with Diesel	7,430,174	7,430,174	7,430,174
	kWh Generated with Hydro	2,029,386	2,029,386	2,029,386
	Total kWh Generated	9,459,560	9,459,560	9,459,560
S.	Purchased Power	1,062,540	1,062,540	1,062,540
T.	Fuel Consumption	494,669	494,669	494,669
U.	kWh Station Service	296,008	296,008	296,008
V.	Efficiency	Standard		
	≥ 12.5	15.02	15.02	15.02
	(kWhs generated per gallons consumed)			
W.	Line Loss	8.94%	8.94%	8.94%
	≤ 12%			
	(kWh generated or purchased -(kWh sales + Station Service))/kWh generated or purchased			

PC89-0419E

Appendix 2

Inside Passage Electric Cooperative, Inc.

CALCULATION OF AVERAGE CLASS RATE PER kWh

Surcharge: 0.1461

Rate Schedule: **Residential**

Customer Charge (CC): 11

(1) Block (by kWh)	(2) Rate (\$/kWh)	(3) Surcharge (\$/kWh)	(4) Total (\$/kWh) (2+3)	(5) Total \$ (1x4)+CC	(6) Avg. (\$/kWh) (5)/(1)	(7) Avg. Rate (\$/kWh) - \$ 0.2063
0 to 500	0.4121	0.1461	0.5582	290.1000	0.5802	0.3739
to						
to						
to						
Max 500			Total			

Rate Schedule:

(1) Block (by kWh)	(2) Rate (\$/kWh)	(3) Surcharge (\$/kWh)	(4) Total (\$/kWh) (2+3)	(5) Total \$ (1x4)	(6) Avg. (\$/kWh) (5)/(1)	(7) Avg. Rate (\$/kWh) - \$ 0.2063
0 to 500						
to						
to						
to						
Max 500			Total			

Rate Schedule:

(1) Block (by kWh)	(2) Rate (\$/kWh)	(3) Surcharge (\$/kWh)	(4) Total (\$/kWh) (2+3)	(5) Total \$ (1x4)	(6) Avg. (\$/kWh) (5)/(1)	(7) Avg. Rate (\$/kWh) - \$ 0.2063
0 to 500						
to						
to						
to						
Max 500			Total			

Inside Passage Electric Cooperative, Inc.

CALCULATION OF COMMUNITY FACILITY AVERAGE RATE PER kWh

Rate Schedule: **Small Comm. Fac.** Customer Charge (CC): 17

(1) Block	(2) Rate/ kWh	(3) Surcharge (\$/kWh)	(4) Total (\$/kWh) (2+3)+(CC/500)	(6) Average Rate(\$/kWh)- \$ 0.2063
0 to ∞	0.4422	0.1461	0.6223	0.4160

Rate Schedule: **Large Comm. Fac.** Customer Charge: 55

(1) Block	(2) Rate/ kWh	(3) Surcharge (\$/kWh)	(4) Total (\$/kWh) (2+3)+(CC/500)	(6) Average Rate(\$/kWh)- \$ 0.2063
0 to ∞	0.3623	0.1461	0.6184	0.4121

Rate Schedule:

(1) Block	(2) Rate/ kWh	(3) Surcharge (\$/kWh)	(4) Total (\$/kWh) (2+3)	(6) Average Rate(\$/kWh)- \$ 0.2063
0 to				
to				
to				

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